

Advantages of Duct Coolers for Efficient and Cost-Effective Cooling

In this blog post, we'll explore the advantages of duct coolers for efficient and cost-effective cooling, and how YesArctic can help you achieve optimal cooling in your space.

Gurgaon, Haryana Mar 25, 2023 ([IssueWire.com](https://www.issuewire.com)) - Are you tired of high electricity bills and costly maintenance for your air conditioning system? Look no further than [duct coolers](#) for a more efficient and cost-effective solution. YesArctic, a leading HVAC company, offers a range of duct coolers that provide consistent and even cooling throughout the space while consuming less energy and requiring minimal maintenance. With potential energy rebates and tax incentives available, duct coolers are a smart investment for any industry or space.

What are duct coolers?

Duct coolers, also known as evaporative coolers, work by drawing hot and dry air through moistened pads, which cools and adds moisture to the air. This cooled and moistened air is then circulated throughout the space using a duct system. There are different types of duct coolers available, including direct evaporative coolers, indirect evaporative coolers, and hybrid evaporative coolers. Compared to other cooling methods such as traditional air conditioning systems, duct coolers have several advantages.

Benefits of duct coolers for EFFICIENT cooling:

- Duct coolers can provide up to 80% energy savings compared to traditional air conditioning systems. They work best in hot and dry climates, where the air is not already saturated with moisture. They can lower the temperature of the air by up to 20 degrees Fahrenheit.
- Duct coolers consume less energy than traditional air conditioning systems, resulting in lower electricity bills. They also require less maintenance and have a longer lifespan.
- Duct coolers circulate cooled and moistened air evenly throughout the space, ensuring that every corner of the room is cooled uniformly.
- Duct coolers add moisture to the air, reducing the risk of condensation and moisture buildup in the space. This can prevent damage to the equipment and infrastructure.
- Duct coolers draw in fresh air from outside, which is filtered and cooled. This improves air quality and circulation, creating a healthy and comfortable environment for the employees and customers.

Benefits of duct coolers for COST-EFFECTIVE cooling:

- Lower upfront and maintenance costs: Duct coolers are less expensive to install and maintain than traditional air conditioning systems. They also require fewer repairs and have a longer lifespan.
- Longer lifespan and durability of duct coolers: Duct coolers are durable and can last for up to 20 years with proper maintenance. They have fewer moving parts than traditional air conditioning systems, reducing the risk of breakdowns.
- Reduced need for additional cooling equipment or systems: Duct coolers can provide efficient cooling for large spaces without the need for additional cooling equipment or systems. This reduces the overall cost of cooling.
- Potential for energy rebates and tax incentives: Duct coolers are eligible for energy rebates and

tax incentives in some states, reducing the cost of installation and operation.

Duct coolers are suitable for various industries and spaces, including data centers, manufacturing facilities, warehouses, and commercial buildings. YesArctic has successfully implemented duct coolers in several projects, including a 500,000 square foot manufacturing facility and a 10,000 square foot data center.

With their expertise and experience, they have successfully implemented duct coolers in various industries and spaces, from massive manufacturing facilities to sensitive data centers. Their duct coolers are designed to provide reliable and efficient cooling, even in the hottest and most humid environments. They are easy to install and maintain and can be customized to fit the specific needs of each project.

Conclusion:

These [coolers](#) offer several advantages for efficient and cost-effective cooling compared to traditional air conditioning systems. They are energy-efficient, cost-effective, and provide consistent and even cooling throughout the space. YesArctic can help you choose the right duct cooler system for your needs and ensure optimal cooling in your space. Consider duct coolers as a viable option for your cooling needs and experience the benefits for yourself.

Media Contact

Arctic Air Coolers

arctic@pahwa.com

088260 08129

Plot No 100, 101, Phase IV, Udyog Vihar, Sector 18,

Source : Arctic Air Coolers

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